Descriptions of Additional Supplementary Files

Supplementary Data 1

Description: The bidirectional probability of direct transmission between any two patients.

Supplementary Data 2

Description: The number of intermediates between any two patients.

Supplementary Data 3

Description: The acknowledgement table of viral genomes used in this study.

Supplementary Data 4

Description: The clinical information of patients from which viral genomes used in this study were derived.

Supplementary Data 5

Description: The parameters of offspring distribution estimated by using different phylogeny.